



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 80 96 29

Classification of the application (IPC):
G06F 16/957

Technical fields searched (IPC):
G06F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	CN 104679570 A (XINYU XINGBANG INFORMATION IND CO LTD) 03 June 2015 (2015-06-03) * the whole document * & US 2016284317 A1 (YAO XIAOHONG [CN] ET AL) 29 September 2016 (2016-09-29) * paragraphs [0023] - [0034], [0041] *	1-14
A	CN 103514241 A (TCL GROUP CO LTD) 15 January 2014 (2014-01-15) * the whole document *	1, 8, 13, 14
A	CN 104391890 A (GUANGDONG OPPO MOBILE TELECOMM) 04 March 2015 (2015-03-04) * the whole document *	1, 8, 13, 14

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 25 March 2019	Examiner Targon, Valerio
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 25-03-2019
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 104679570	A	03-06-2015	CN 104679570 A	03-06-2015
			US 2016284317 A1	29-09-2016
			WO 2016150049 A1	29-09-2016
US 2016284317	A1	29-09-2016	CN 104679570 A	03-06-2015
			US 2016284317 A1	29-09-2016
			WO 2016150049 A1	29-09-2016
CN 103514241	A	15-01-2014	NONE	
CN 104391890	A	04-03-2015	NONE	